

Sub  
Cat

5 around at least one industrial local area network (6)  
conveying deterministic traffic between various  
programmed operating units (11, 10, 8, 4'), which units  
process and store information which can be accessed by at  
least one other programmed operating unit (11, 10) via  
10 said architecture, said architecture being characterized  
in that it includes various programmed operating units  
(10, 8, 4') in particular comprising units situated at an  
intermediate level (8) or at a process interface level or  
at a site monitoring/control device level (4'), which  
15 units individually include servers (9) of the HTTP type  
so as to be capable of sending optionally interactive  
computer documents in response to requests received from  
another unit (11) of the system or from a computer, in  
particular external to the system, equipped with an  
20 HTTP/TCP/IP protocol stack and acting as a customer, in  
the context of messaging traffic making use of the  
25 transmission possibilities constituted by the time slots  
left available by the deterministic traffic of the  
industrial local area network(s) (6, 6') of the system,  
without disturbing the priority interchange related to  
the real time control of the process.

30 site units (18, 18', 18", 18"', 18''') are organized in  
one or more clusters around at least one industrial local  
✓ 5 area network (19) of the site bus type which is specific  
to a cluster and which connects the units of the cluster  
C. 7 to at least one shared programmed unit (17), optionally  
35 serving as a gateway or as a router to another industrial  
local area network (20) serving at least one other  
10 programmed unit (14, 15) of a higher level of the

✓21

15

add a